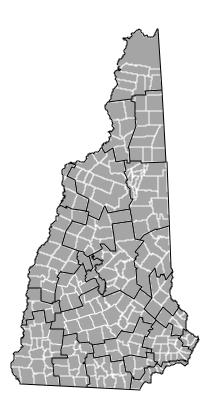


Figures



July, 2001

Office of Planning and Research
New Hampshire Department of Health and Human Services
129 Pleasant Street • Concord, New Hampshire 03301
www.dhhs.state.nh.us

Index to Figures

Group = The indicator grouping used in the Regional Health Profiles.

CH - Indicators of Current Health

HR - Indicators of Use of Health Care Resources

FH - Indicators of Risks to Future Health

AI - Additional Indicators

HNH 2010 – Healthy New Hampshire 2010 related

M/N = Figures for Manchester and Nashua HSAs

NA = Sample size of the 1999 NH Household Insurance Coverage and Access Survey was not sufficient to permit breaking the data into smaller components than HSAs.

			Page	
Indicator	Full Wording	Group	State	M/N
How to Read the Figures			7	
Birth rate	Birth rate per 1,000 females ages 15 - 44	AI	9	10
Births covered by Medicaid	Rate of mothers delivering with Medicaid payor per 1,000 deliveries	FH	11	12
Births to women who smoked during pregnancy	Maternal smoking rate per 1,000 deliveries	FH HNH 2010	13	14
Births to women with less than 12 years of education	Maternal education less than 12 years per 1,000 deliveries	FH	15	16
Births to teens	Teen birth rate per 1,000 females ages 15 – 17	FH	17	18
Births to unmarried women	Unmarried mothers per 1,000 deliveries	FH	19	20
Births with late or no prenatal care	Late or no prenatal care (care begun after 2 nd trimester, or not at all) per 1,000 deliveries	FH HNH 2010	21	22
Births with low birth weight	Low birth weight births (<2500 grams) per 1,000 births	FH HNH 2010	23	24

			Page	
Indicator	Full Wording	Group	State	M/N
Deaths from all cancers	Cancer mortality rate per 1,000 ages 25+	СН	25	26
Deaths from breast cancer	Breast cancer mortality rate per 1,000 females ages 25+	CH HNH 2010	27	28
Deaths from firearms	Firearms mortality rate per 1,000 ages 15+	CH HNH 2010	29	30
Deaths from heart disease	Heart disease mortality rate per 1,000 ages 25+	CH HNH 2010	31	32
Deaths from suicide	Suicide mortality rate per 1,000 ages 15+	CH HNH 2010	33	34
Deaths from unintentional injuries	Mortality rate due to unintentional injuries per 1,000 ages 15+	CH HNH 2010	35	36
Deaths related to diabetes	Diabetes-related mortality rate per 1,000 ages 45+	СН	37	38
Families at or below 200% of poverty	Percentage of families with income less than 200% of federal poverty level	FH	39	NA
High school completion	Percentage of adults under age 65 with a high school degree	FH	40	NA
Hospital admissions for adults with ambulatory care sensitive conditions	Adult admissions rate for ambulatory care sensitive conditions per 1,000 ages $18-64$	HR	41	42
Hospital admissions for adults with injuries	Adult hospitalization rate for injury per 1,000 ages $18-64$	HR	43	44

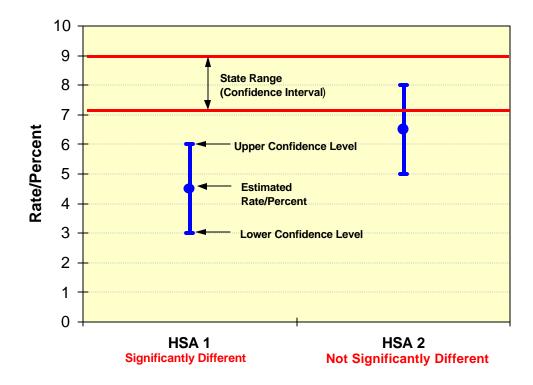
			Page	
Indicator	Full Wording	Group	State	M/N
Hospital admissions for ambulatory care sensitive chronic conditions	Admissions rate per 1,000 population for ambulatory care sensitive chronic conditions	HR	45	46
Hospital admissions for ambulatory care sensitive rapid onset conditions	Admissions rate per 1,000 population for ambulatory care sensitive rapid onset conditions	HR	47	48
Hospital admissions for children with ambulatory care sensitive conditions	Pediatric admissions rate for ambulatory care sensitive conditions per 1,000 ages 1 – 17	HR HNH 2010	49	50
Hospital admissions for children with injuries	Pediatric hospitalization rate for injury per 1,000 ages 1 – 17	HR HNH 2010	51	52
Hospital admissions for elderly with ambulatory care sensitive conditions	Elder admissions rate for ambulatory care sensitive conditions per 1,000 ages 65+	HR	53	54
Hospital admissions for elderly with injuries	Elder Hospitalization rate for injury per 1,000 ages 65+	HR	55	56
Incidence of breast cancer	Breast cancer incidence rate per 1,000 females ages 25+	СН	57	58
Incidence of colon cancer	Colon cancer incidence rate per 1,000 ages 25+	CH HNH 2010	59	60
Incidence of lung cancer	Lung cancer incidence rate per 1,000 ages 25+	СН	61	62

			Page	
Indicator	Full Wording	Group	State	M/N
Incidence of prostate cancer	Prostate cancer incidence rate per 1,000 males ages 25+	СН	63	64
Medicaid and Food Stamps – Adults	Adults (age 19+) receiving Medicaid/Food stamps, 1997 - 1998	FH	65	66
Medicaid and Food Stamps – Children	Children (< age 19) receiving Medicaid/Food Stamps, 1997 – 1998	FH	67	68
Perception of access to care	Percentage of population under age 65 not "Extremely" or "Very" confident in access to care	HR	69	NA
Perception of personal health status	Percentage of population under age 65 reporting "Good", "Very Good", or "Excellent" health	СН	70	NA
Population employed in firms of 10 or fewer employees	Percentage of population under age 65 reporting employment in a firm with 10 or fewer employees	FH	71	NA
Population with chronic condition lasting more than one year	Percentage of population under age 65 reporting a chronic condition lasting one year or more	СН	72	NA
Population with no usual source of medical care	Percentage of population under age 65 reporting no usual source of medical care	HR HNH 2010	73	NA
Population without a dental visit in the prior year	Percentage of population under age 65 without a dental visit	HR	74	NA

			Page	
Indicator	Full Wording	Group	State	M/N
Population without a physician visit in the prior year	Percentage of population under age 65 without a physician visit	HR	75	NA
Population without dental coverage	Percentage of population under age 65 without dental coverage	FH	76	NA
Population without health insurance	Percentage of population under age 65 without health insurance	FH HNH 2010	77	NA
Population without health insurance for part of prior year	Percentage of population under age 65 reporting a period without health insurance in the past year	FH	78	NA
Premature deaths	Premature deaths per 1,000 ages 18 – 64	СН	79	80

Understanding the Regional Profile Figures

The charts in the *Regional Profiles* provide a graphical representation of the same data contained in the related tables. Each chart, depending on the source of the data, illustrates the point estimates of the calculated HSA rates or percents. Built around each HSA point estimate is a 95% confidence interval. All HSA point estimates are depicted so that they can be interpreted in relationship to the State range for the health indicator. The following figure illustrates an example and the narrative below describes how this figure should be interpreted:



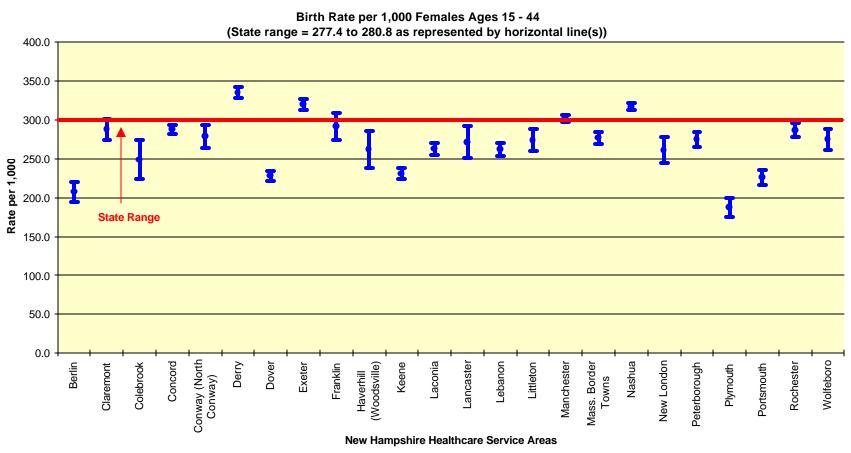
- The single point labeled "Estimated Rate/Percent" represents the point estimate for each HSA rate or percentage.
- The vertical bars around the point "Estimated Rate/Percent" represent the range between the "Upper Confidence Level" and "Lower Confidence Level" for that point estimate. The range between the upper confidence level and the lower confidence level is the confidence interval.
- Based on the calculation used, we can be 95% certain that the true value for the health indicator for an HSA will lie within this confidence interval.
- The two horizontal lines spanning the length of the chart represent the State confidence interval. (The State point estimate, given in the tables, is not shown on the charts.) The top line represents the upper bounds of the confidence level, and the bottom line represents the lower bounds of the confidence level. The area between the upper and lower bounds of confidence is the State range. As with the

HSA, we can be 95% certain that the true value for this health indicator for the State will fall within this range.

- When the confidence interval for the HSA overlaps with the confidence interval of the State this is interpreted to mean that there is statistically no significance in the difference between the State and HSA estimate of the rate or percent (i.e., the difference between the two numeric values could be associated with a number of factors, including random chance). When the two confidence intervals do not overlap this is interpreted to mean that there is a statistical difference between the two estimates (i.e., we are 95% confident that the difference between these two estimates is not due to random chance).
- Referring to the figure above: the estimated rate or percentage for HSA 1 is lower than the estimated rate or percentage for the State. The HSA point estimate is statistically different from the State point estimate for this health indicator because the State and HSA confidence intervals do not overlap. The estimated rate or percentage for HSA 2 while lower than that of the State, is not significantly different from the State because the two confidence intervals do overlap

For more information on how the rates, percentages and confidence intervals are calculated, refer to the *Technical Notes* section of the *Regional Profiles*.

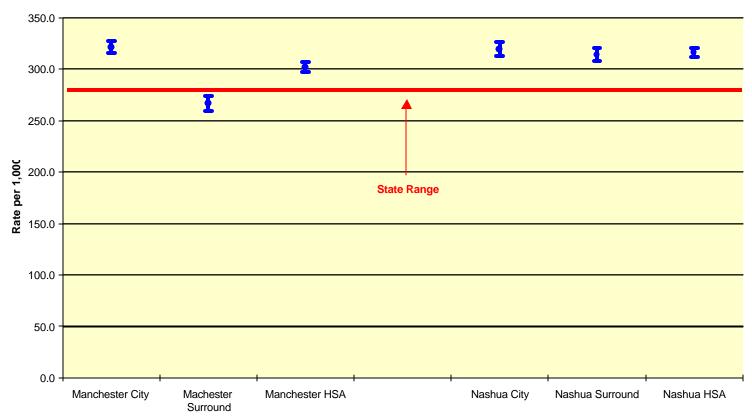
Birth Rate



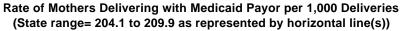
Birth Rate - Manchester and Nashua HSAs

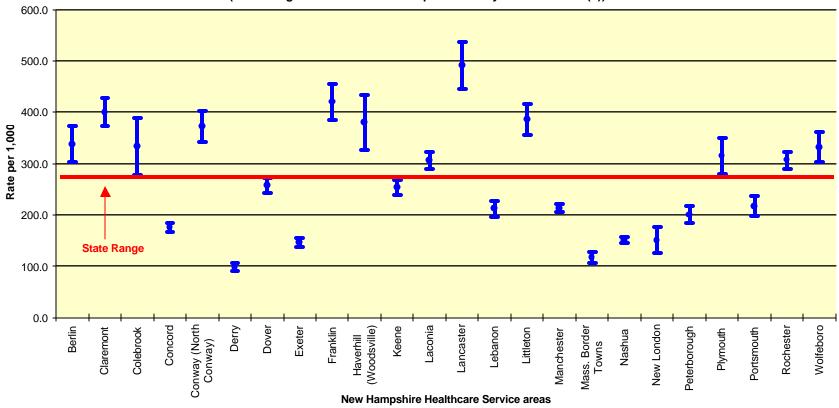
Birth Rate per 1,000 Females Ages 15 - 44

Manchester / Nashua (State range = 277.4 to 280.8 as represented by horizontal line(s))



Births Covered by Medicaid

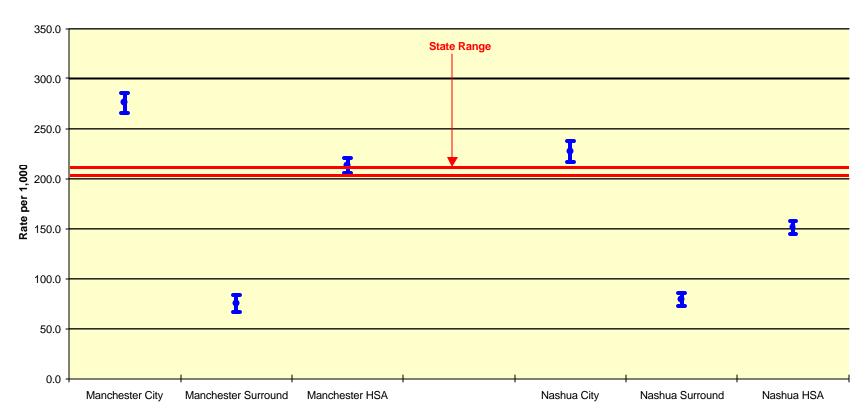




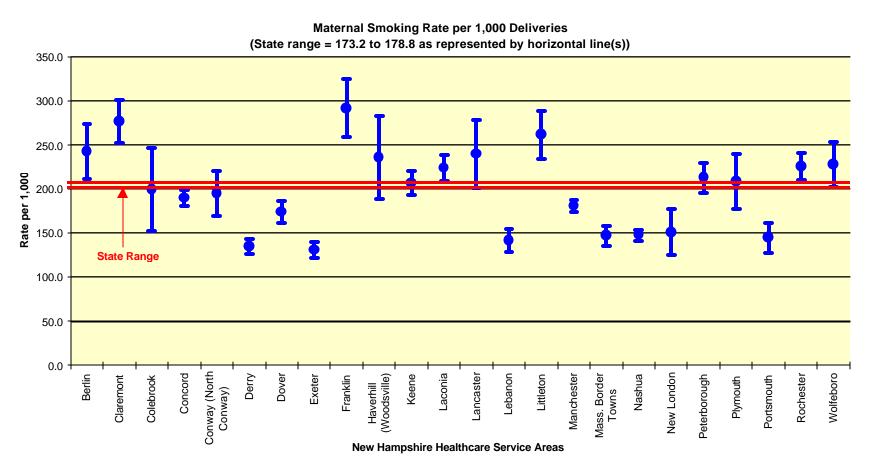
Births Covered by Medicaid – Manchester and Nashua HSAs

Rate of Mothers Delivering with Medicaid payor per 1,000 Deliveries

Manchester / Nashua (State range = 204.1 to 209.9 as represented by horizontal line(s))



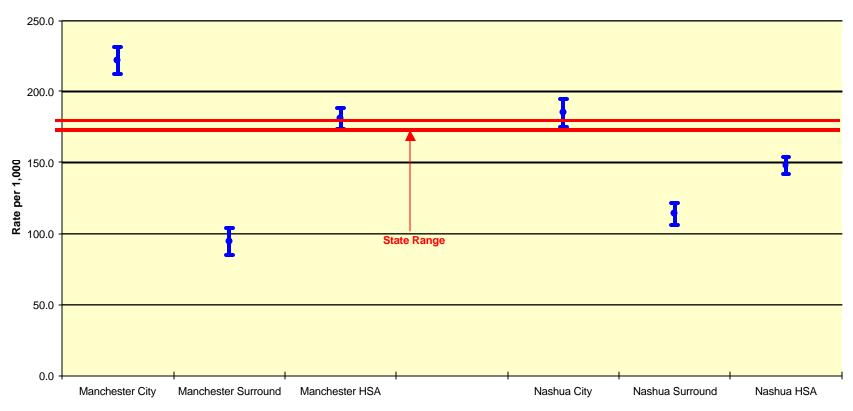
Births to Women Who Smoked During Pregnancy



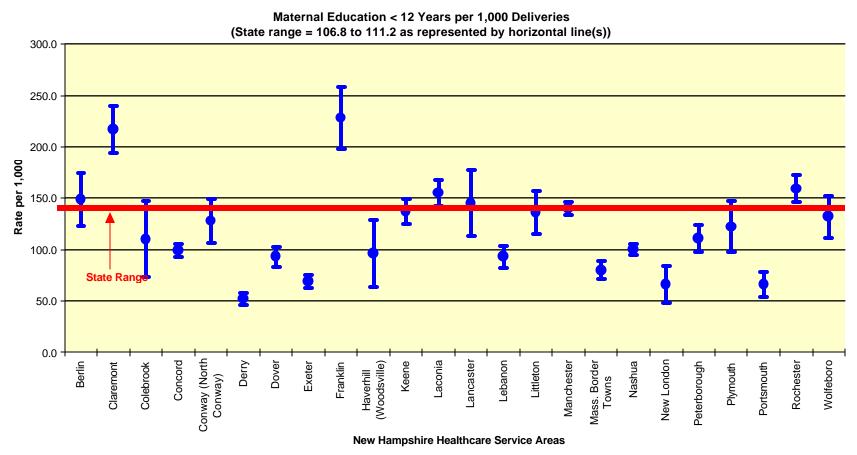
Births to Women Who Smoked During Pregnancy – Manchester and Nashua HSAs

Maternal Smoking Rate per 1,000 Deliveries

Manchester / Nashua (State range = 173.2 to 178.8 as represented by horizontal line(s))



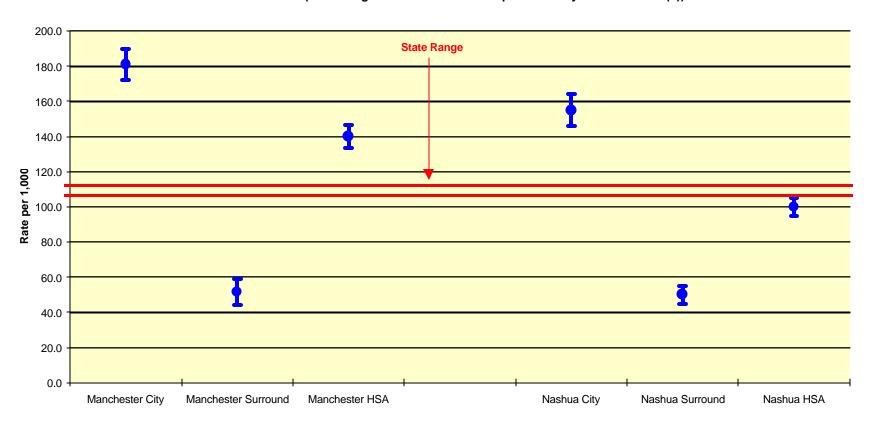
Births to Women With Less Than 12 Years of Education



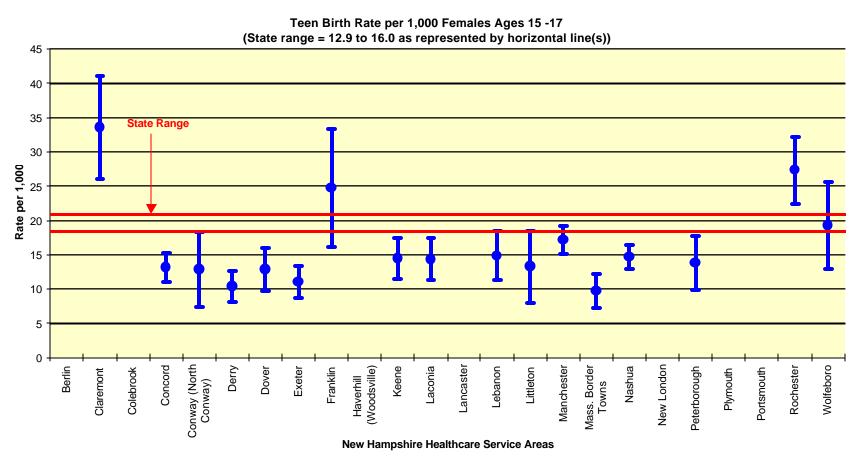
Births to Women With Less Than 12 Years of Education – Manchester and Nashua HSAs

Maternal Education < 12 Years per 1,000 Deliveries

Manchester / Nashua (State range = 106.8 to 111.2 as represented by horizontal line(s))



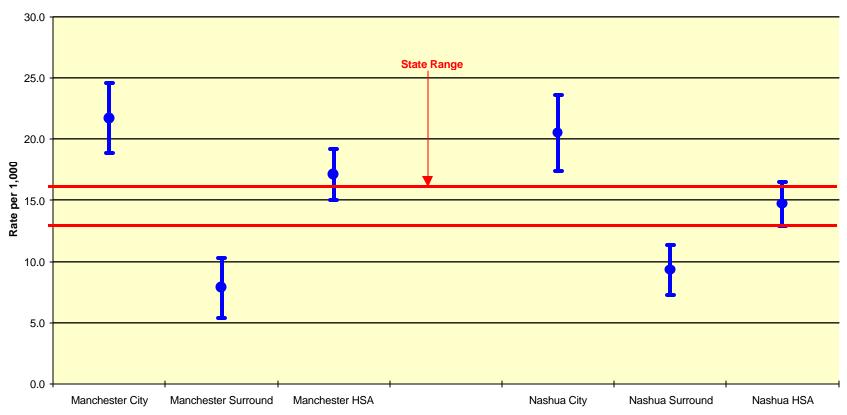
Births to Teens



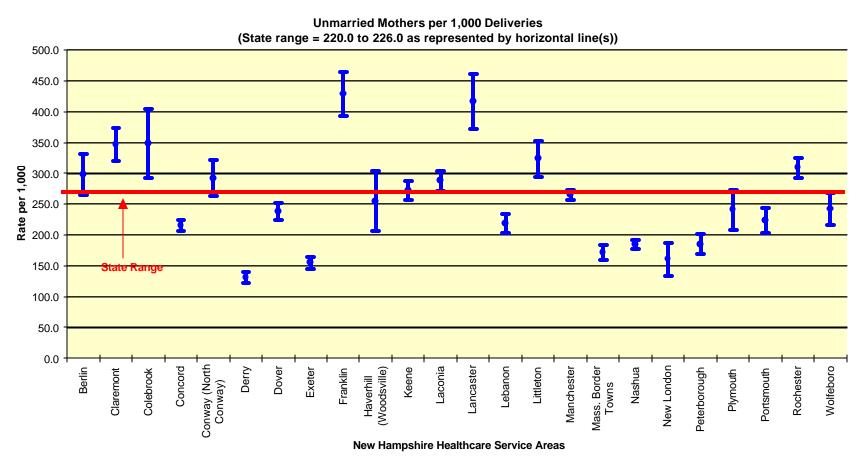
Births to Teens - Manchester and Nashua HSAs

Teen Birth Rate per 1,000 Females Ages 15 - 17

Manchester / Nashua (State range = 12.9 to 16.0 as represented by horizontal line(s))



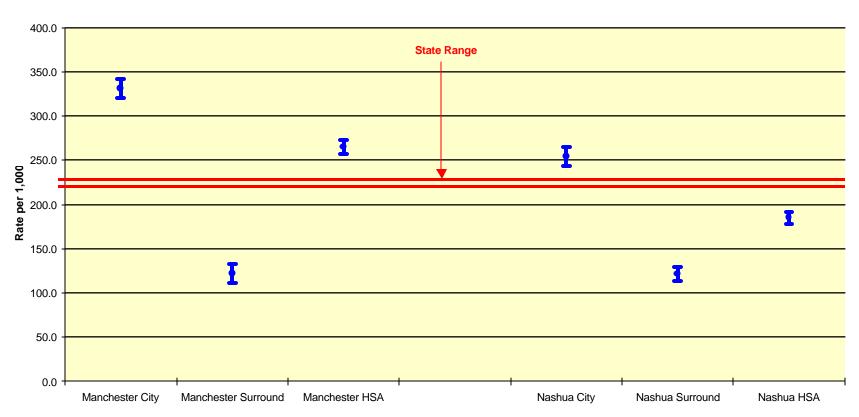
Births to Unmarried Women



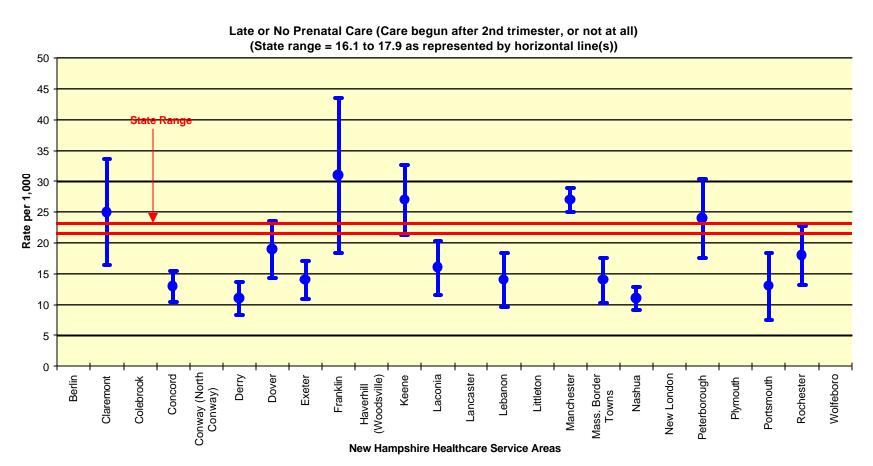
Births to Unmarried Women - Manchester and Nashua HSAs

Unmarried Mothers per 1,000 Deliveries

Manchester / Nashua (State range = 220.0 to 226.0 as represented by horizontal line(s))



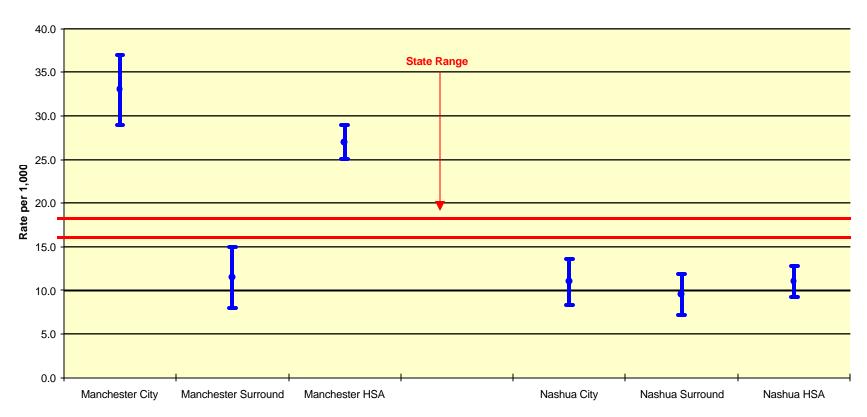
Births With Late or No Prenatal Care



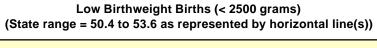
Births With Late or No Prenatal Care – Manchester and Nashua HSAs

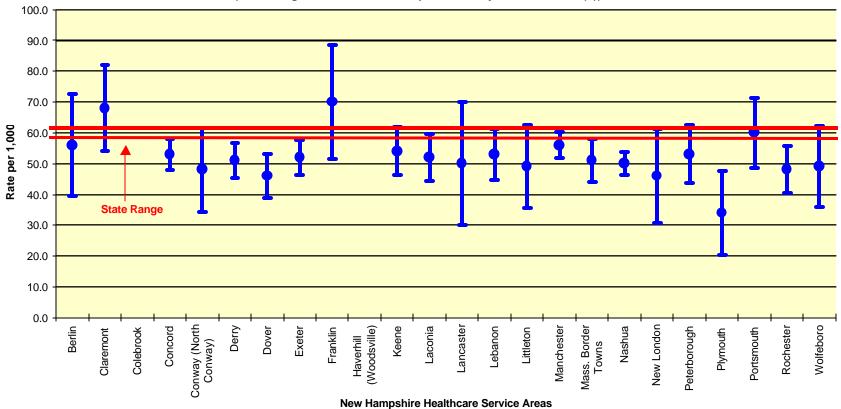
Late or No Prenatal Care (Care begun after 2nd trimester, or not at all)

Manchester / Nashua (State range = 16.1 to 17.9 as represented by horizontal line(s))



Births With Low Birth Weight

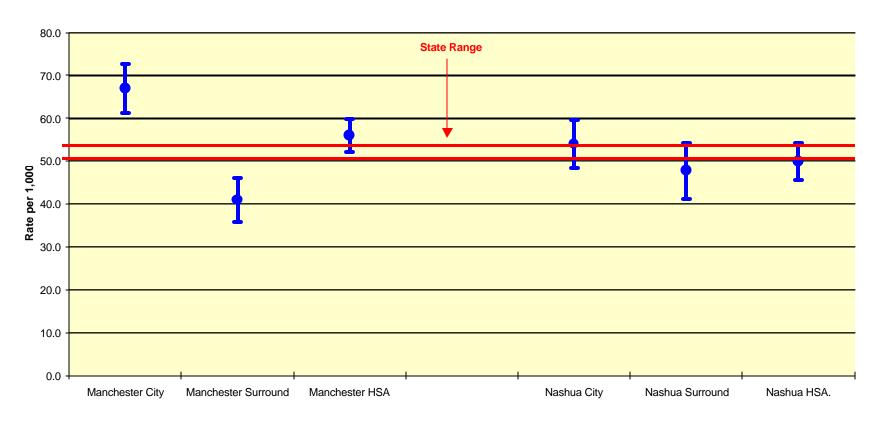




Births With Low Birth Weight - Manchester and Nashua HSAs

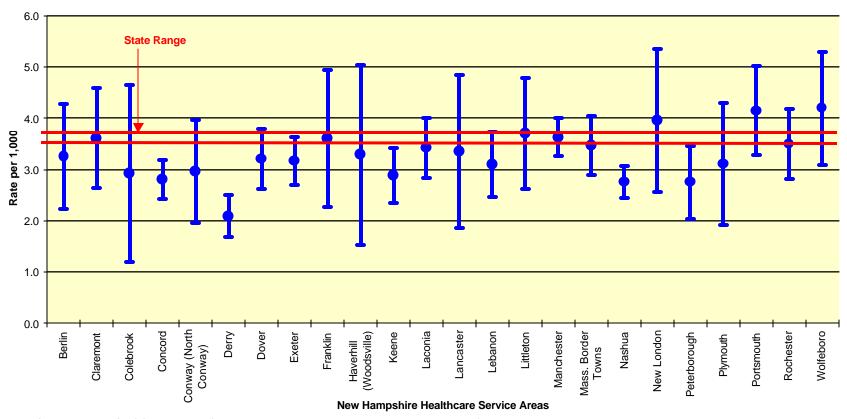
Low Birthweight Births (< 2500 grams)

Manchester / Nashua (State range = 50.4 to 53.6 as represented by horizontal line(s))



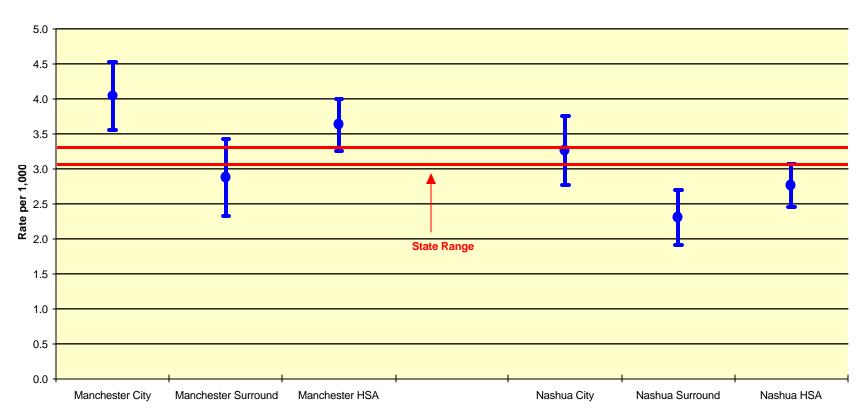
Deaths From All Cancers

Cancer Mortality Rate per 1,000 Ages 25+
(State range = 3.03 to 3.28 as represented by horizontal line(s))

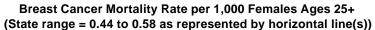


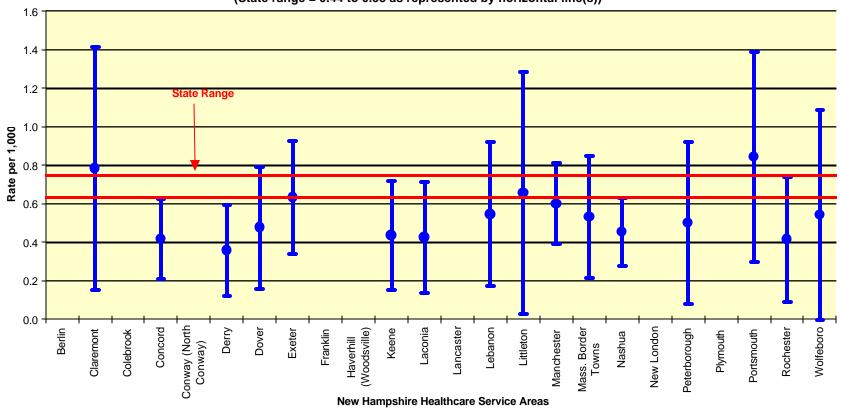
Deaths From All Cancers – Manchester and Nashua HSAs

Cancer Mortality Rate per 1,000 Ages 25+
Manchester / Nashua (State range = 3.0 to 3.3 as represented by horizontal line(s))



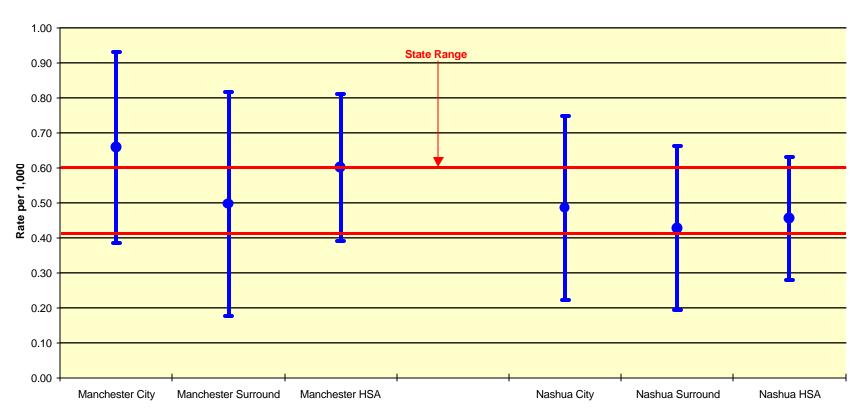
Deaths From Breast Cancer



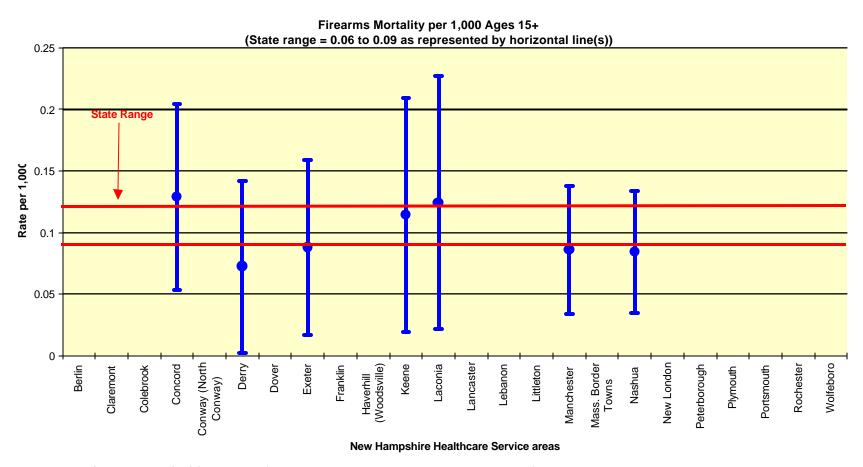


Deaths From Breast Cancer – Manchester and Nashua HSAs

Breast Cancer Mortality Rate per 1,000 Females Ages 25+
Manchester / Nashua (State range = 0.4 to 0.6 as represented by horizontal line(s))

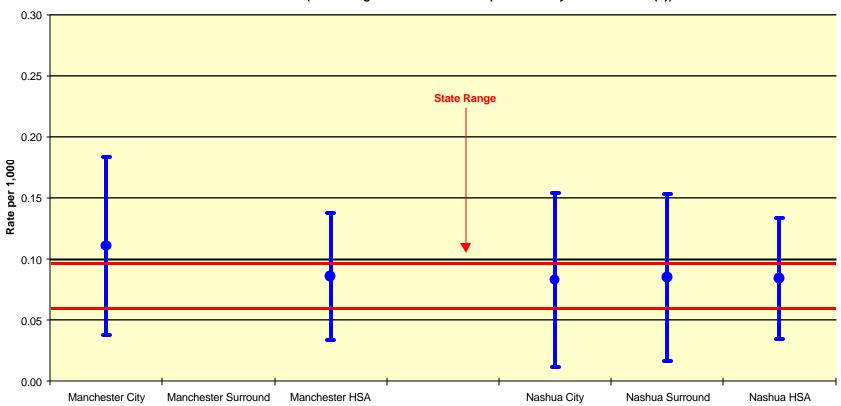


Deaths from Firearms

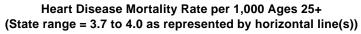


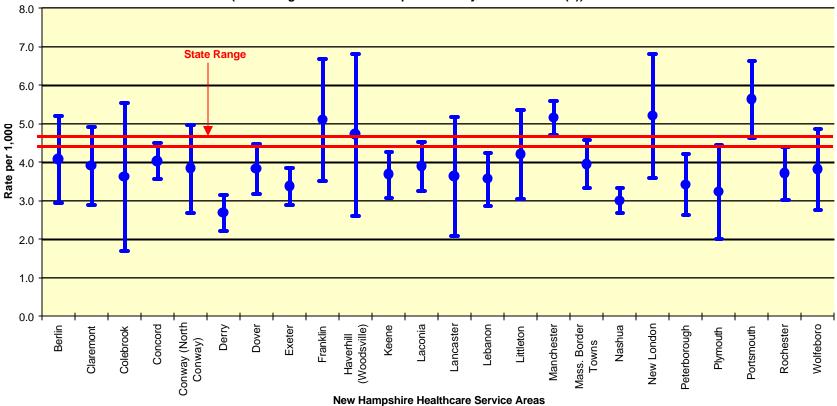
Deaths From Firearms – Manchester and Nashua HSAs

Firearms Mortality per 1,000 Ages 15+
Manchester / Nashua (State range = 0.06 to 0.09 as represented by horizontal line(s))



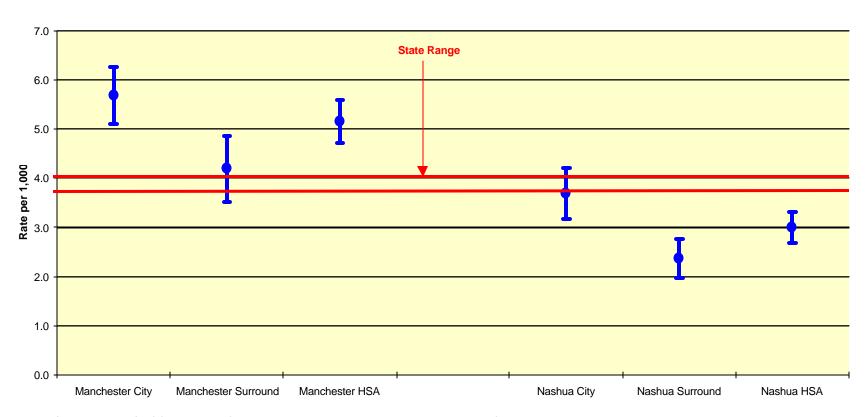
Deaths From Heart Disease



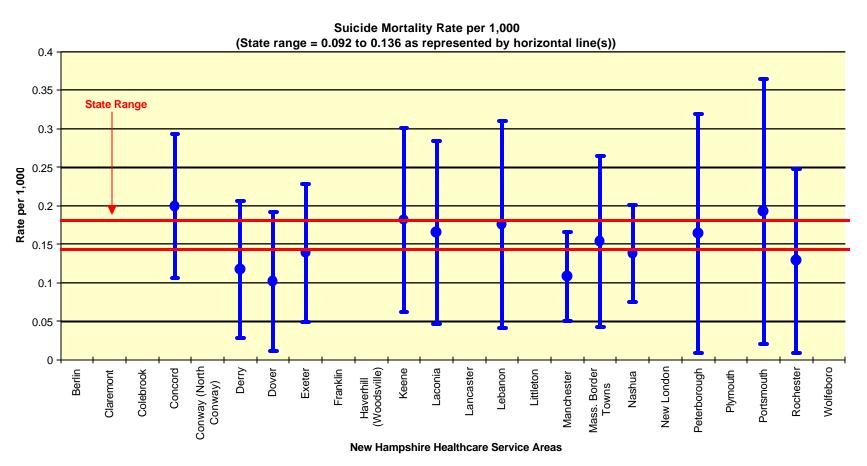


Deaths From Heart Disease – Manchester and Nashua HSAs

Heart Disease Mortality Rate per 1,000 Ages 25+
Manchester / Nashua (State range = 3.7 to 4.0 as represented by horizontal line(s))

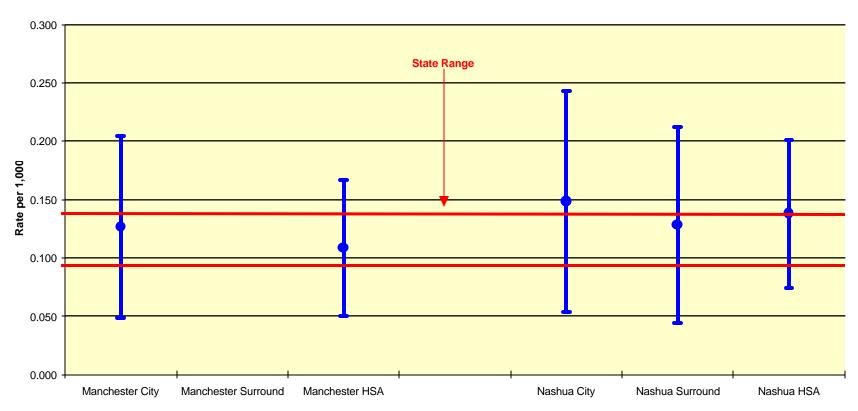


Deaths From Suicide

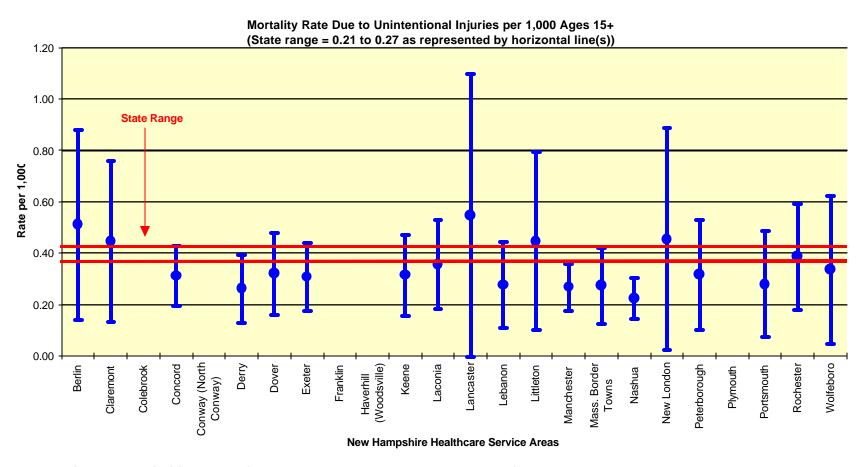


Deaths From Suicide – Manchester and Nashua HSAs

Suicide Mortality Rate per 1,000 Ages 15+
Manchester / Nashua (State range = 0.092 to 0.136 as represented by horizontal line(s))

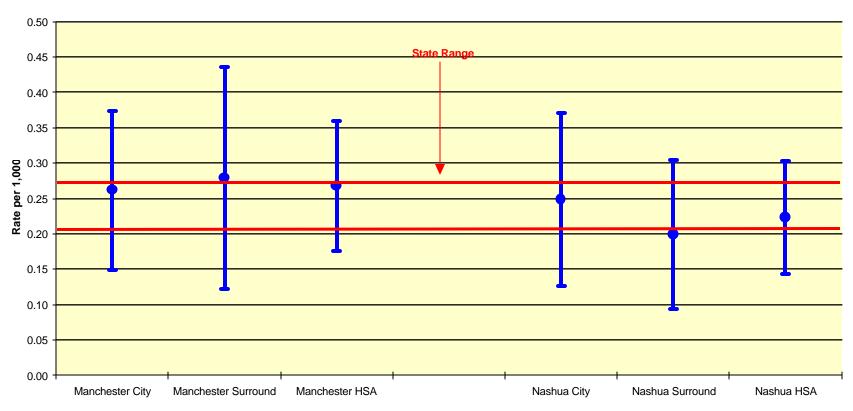


Deaths From Unintentional Injuries

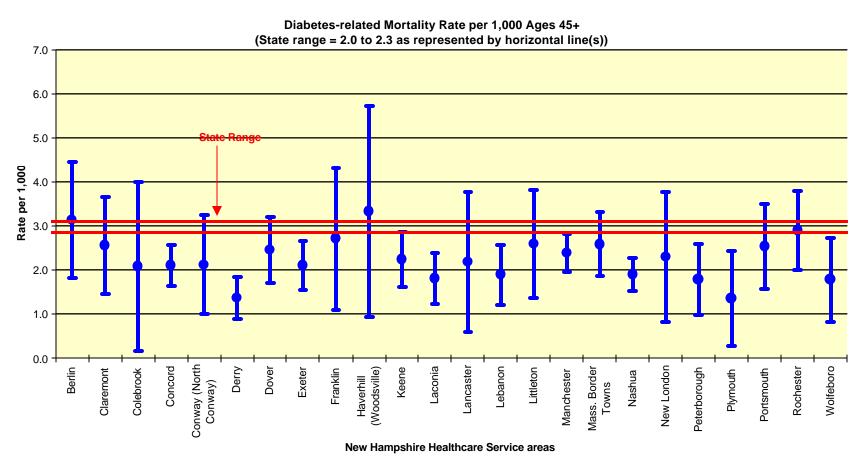


Deaths from Unintentional Injuries – Manchester and Nashua HSAs

Mortality Rate Due to Unintentional Injuries per 1,000 Ages 15+ Manchester / Nashua (State range = 0.21 to 0.27 as represented by horizontal line(s))

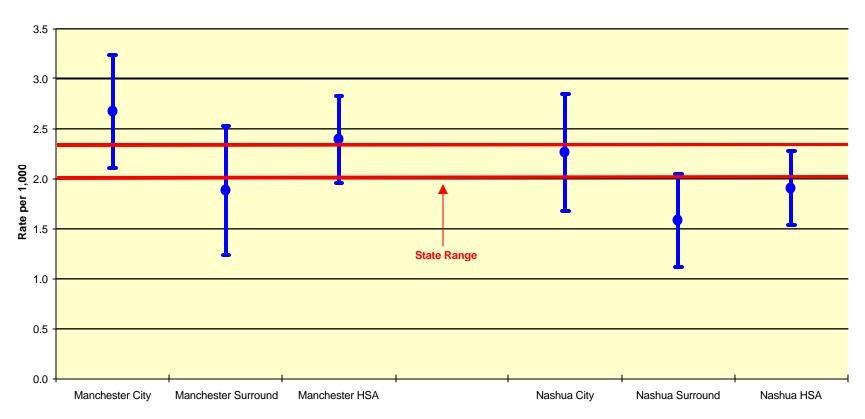


Deaths Related to Diabetes



Deaths Related to Diabetes - Manchester and Nashua HSAs

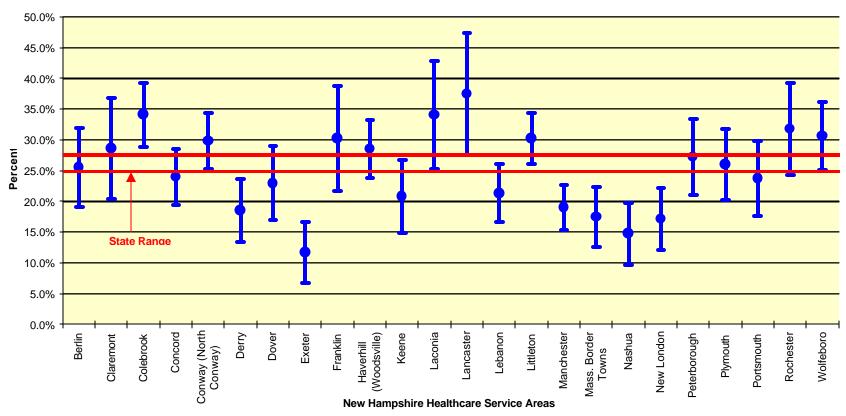
Diabetes-related Mortality Rate per 1,000 Ages 45+
Manchester / Nashua (State range = 2.0 to 2.3 as represented by horizontal lines))



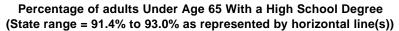
Families At or Below 200% of Poverty

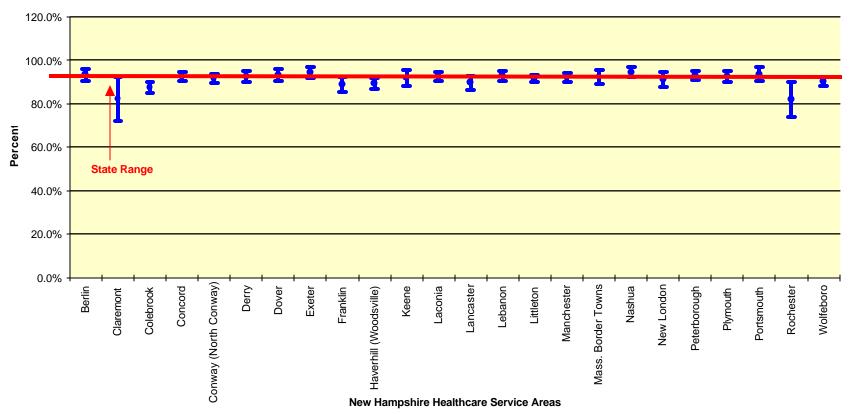
Poverty = Federal Poverty Level (family of 3, \$27,760 in 1999)

Percentage of Families with Income Less than 200% of Federal Poverty Level (State range = 22.0% to 22.9% as represented by horizontal line(s))



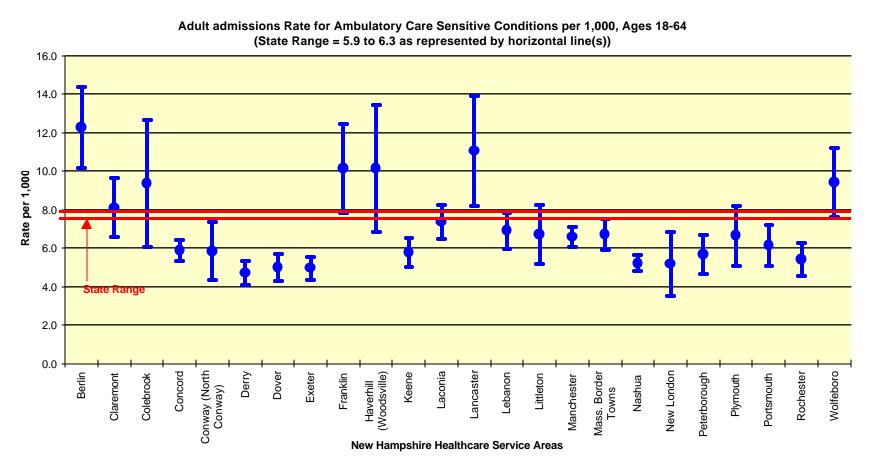
High School Completion





Hospital Admissions For Adults With Ambulatory Care Sensitive Conditions

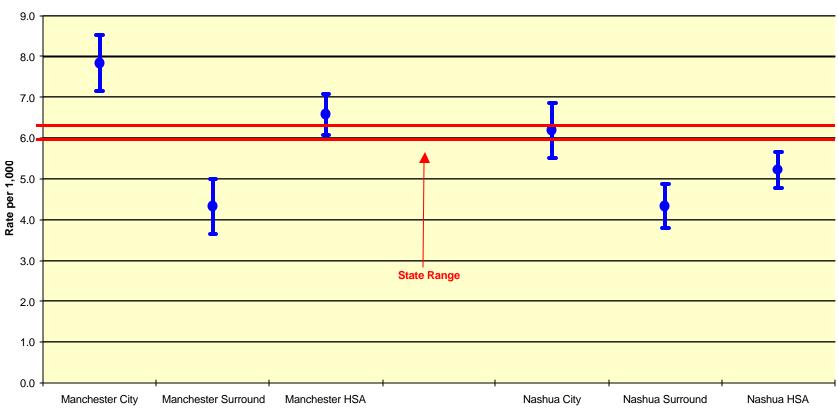
Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.



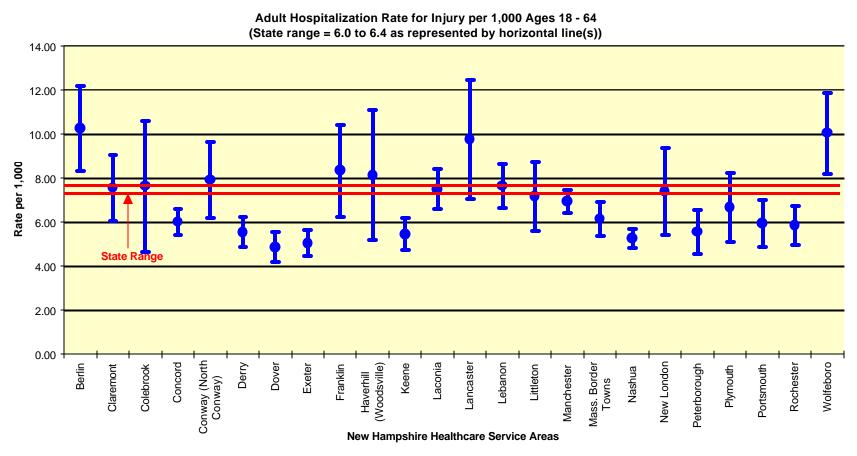
Hospital Admissions For Adults With Ambulatory Care Sensitive Conditions – Manchester and Nashua HSAs

Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.

Adult admissions Rate for Ambulatory Care Sensitive Conditions per 1,000 Ages 18 - 64 Manchester / Nashua (State range = 5.9 to 6.3 as represented by horizontal line(s))



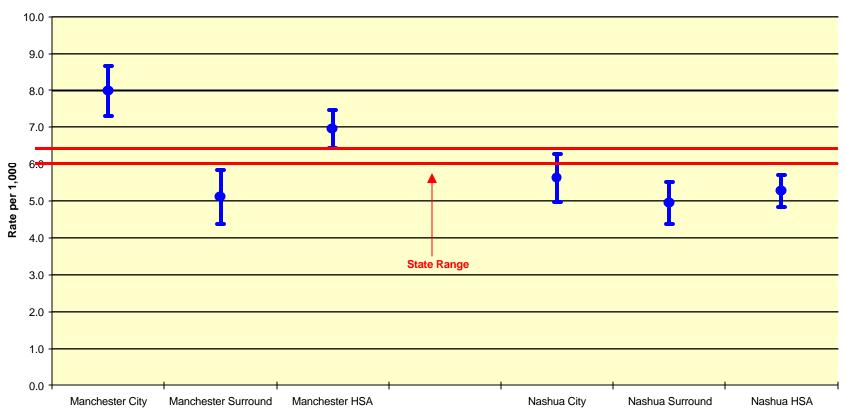
Hospital Admissions For Adults With Injuries



Hospital Admissions For Adults With Injuries – Manchester and Nashua HSAs

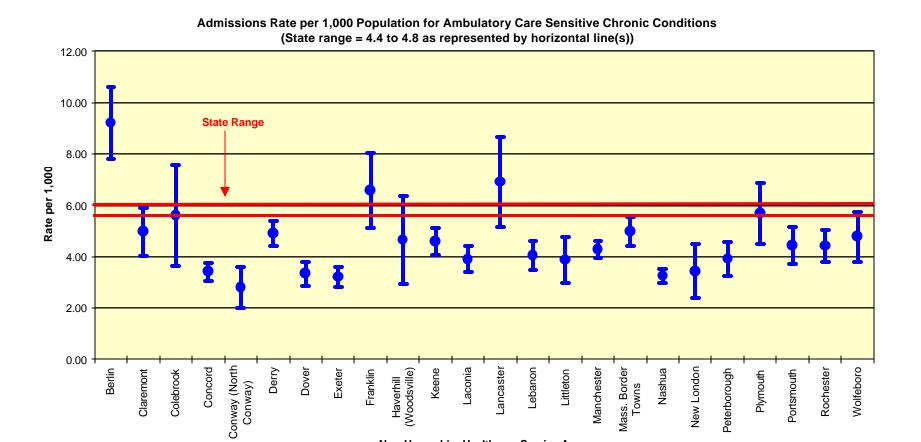
Adult Hospitalization Rate for Injury per 1,000 Ages 18 - 64

Manchester / Nashua (State range = 6.0 to 6.4 as represented by horizontal line(s))



Hospital Admissions For Ambulatory Care Sensitive Chronic Conditions

Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.

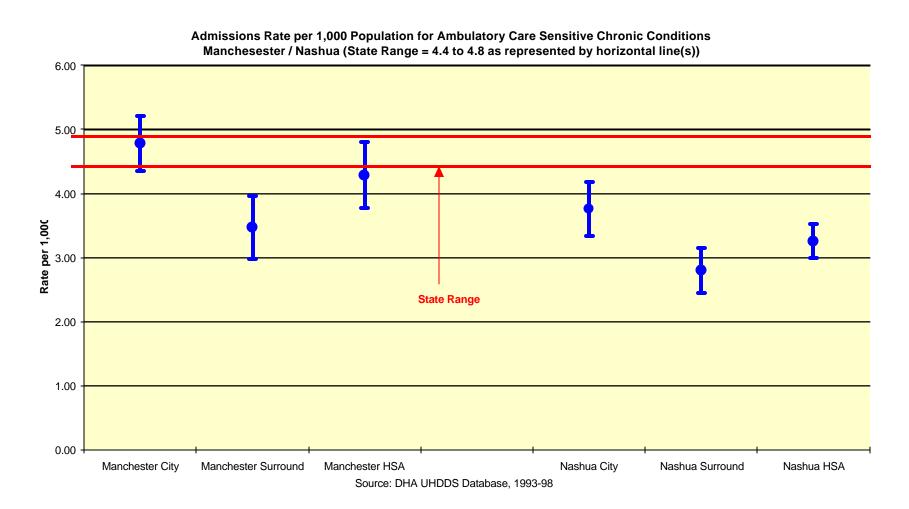


Source: DHA UHDDS Database, 1993-98

New Hampshire Healthcare Service Areas

Hospital Admissions For Ambulatory Care Sensitive Chronic Conditions – Manchester and Nashua HSAs

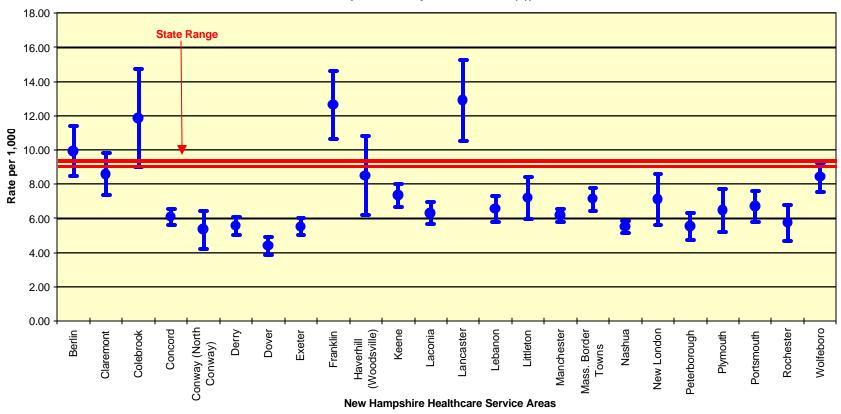
Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.



Hospital Admissions For Ambulatory Care Sensitive Rapid Onset Conditions

Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.

Admissions Rate per 1,000 Population for Ambulatory Care Sensitive Rapid Onset Conditions (State range = 7.2 to 7.5 as represented by horizontal line(s))

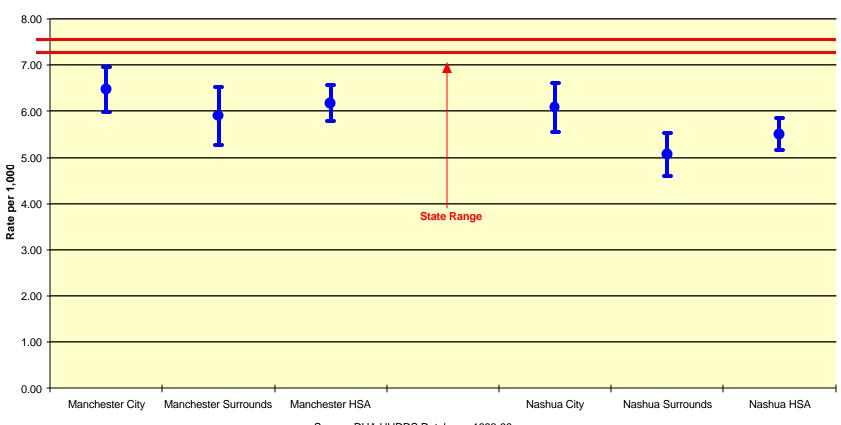


Source: DHA UHDDS Database, 1993-98

Hospital Admissions For Ambulatory Care Sensitive Rapid Onset Conditions – Manchester and Nashua HSAs

Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.

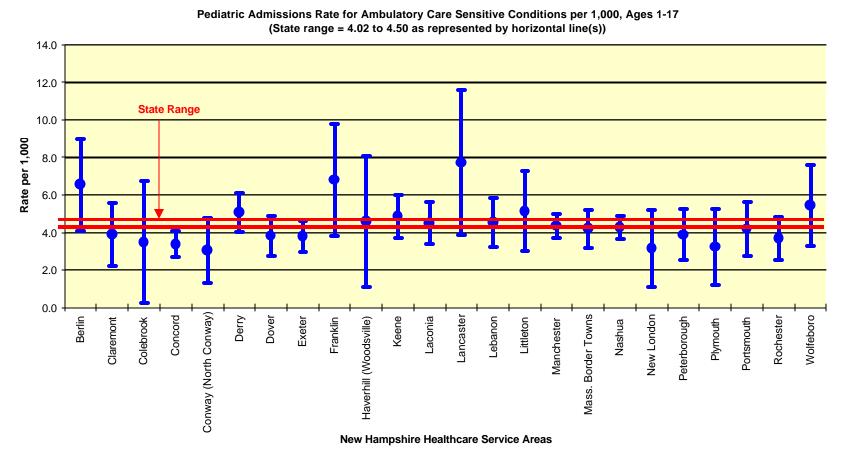
Admissions Rate per 1,000 Population for Ambulatory Care Sensitive Rapid Onset Conditions Manchester / Nashua (State range = 7.2 to 7.5 as represented by horizontal line(s))



Source: DHA UHDDS Database, 1993-98

Hospital Admissions for Children With Ambulatory Care Sensitive Conditions

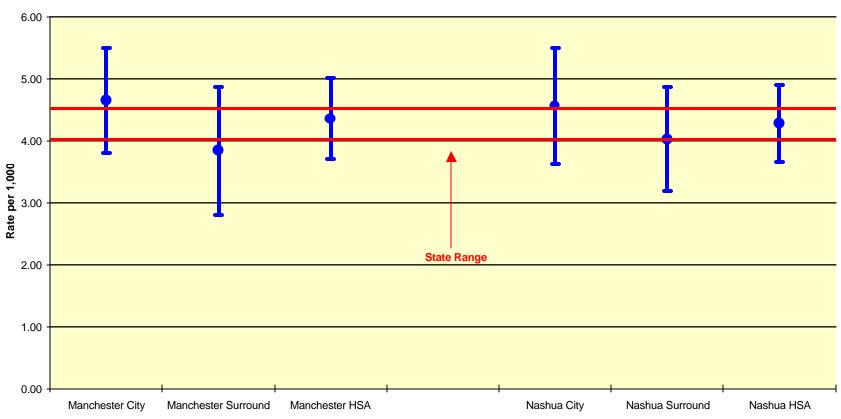
Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.



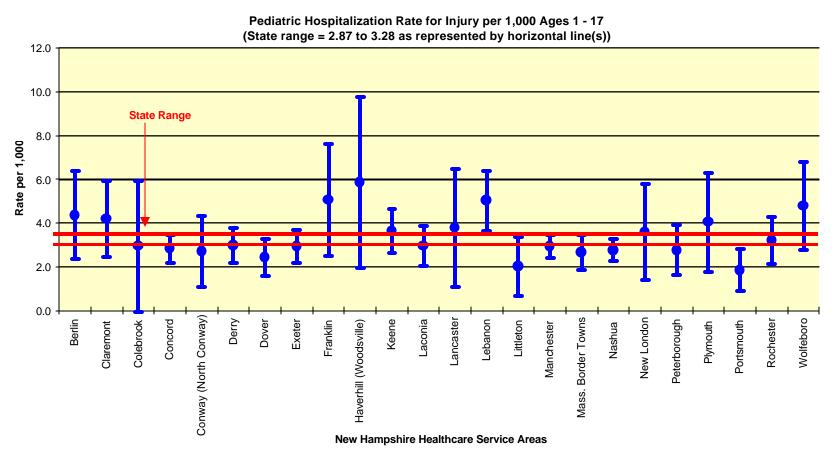
Hospital Admissions for Children With Ambulatory Care Sensitive Conditions - Manchester and Nashua HSAs

Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.

Pediatric Admissions for Ambulatory Care Sensitive Conditions per 1,000 Ages 1 - 17 Manchester / Nashua (State range = 4.02 to 4.50 as represented by horizontal line(s))



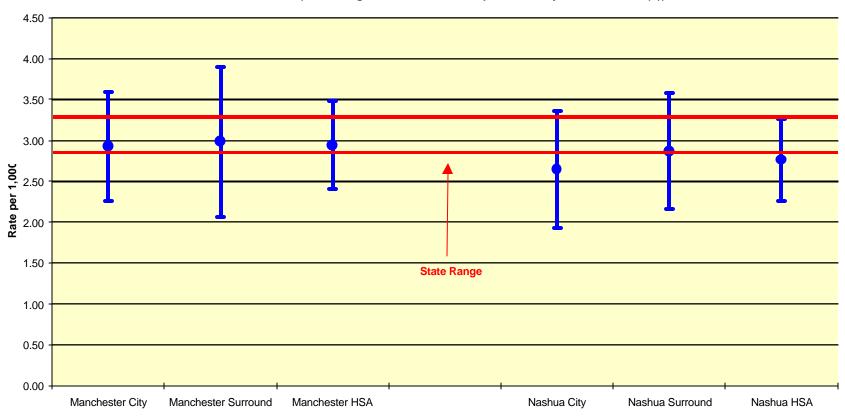
Hospital Admissions For Children With Injuries



Hospital Admissions For Children With Injuries - Manchester and Nashua HSAs

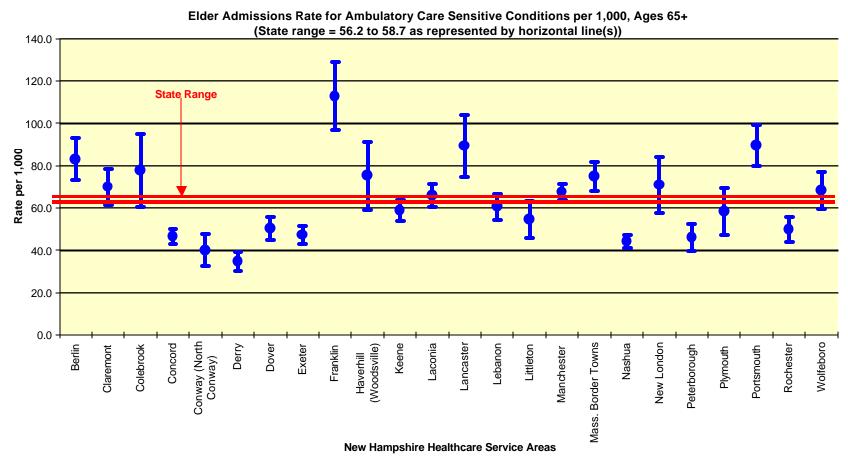
Pediatric Hospitalization Rate for Injury per 1,000 Ages 1 - 17

Manchester / Nashua (State range = 2.87 to 3.28 as represented by horizontal line(s))



Hospital Admissions For Elderly With Ambulatory Care Sensitive Conditions

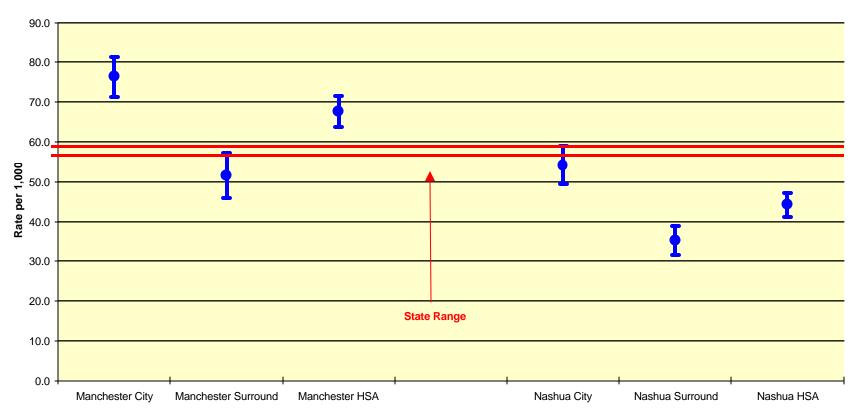
Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.



Hospital Admissions For Elderly With Ambulatory Care Sensitive Conditions – Manchester and Nashua HSAs

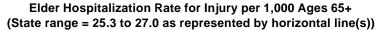
Ambulatory Care Sensitive Conditions = medical conditions that may not require inpatient hospitalizations (a stay of at least one night) if timely and appropriate primary care is received.

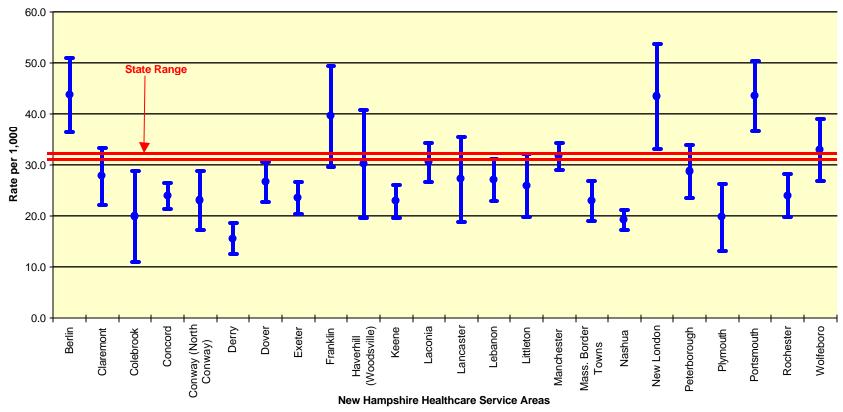
Elder Admissions Rate for Ambulatory Care Sensitive Conditions per 1,000 Ages 65+ Manchester / Nashua (State range = 56.2 to 58.7 as represented by horizontal line(s))



Source: NHDHHS - OCDH - Drimany Cara Access Data Report: Assessing New Hampshire's Communities 1003-1007

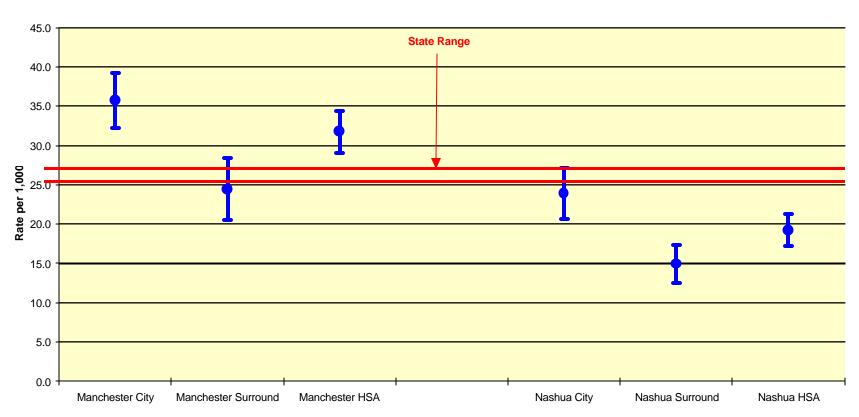
Hospital Admissions For Elderly With Injuries



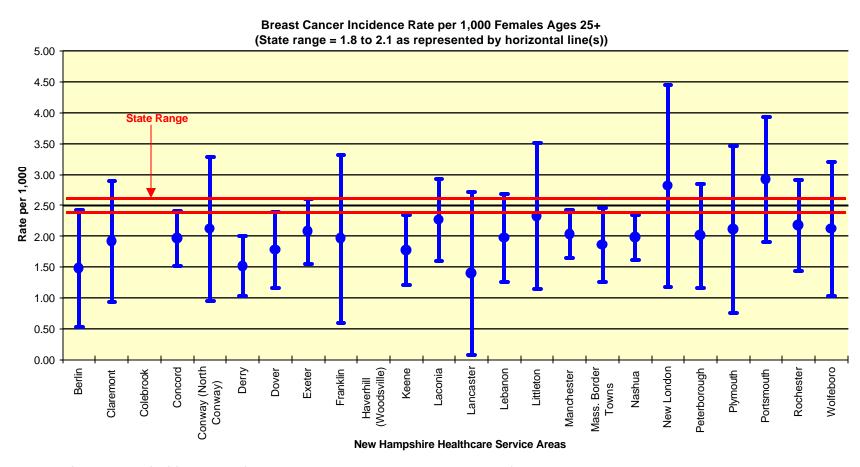


Hospital Admissions For Elderly With Injuries - Manchester and Nashua

Elder Hospitalization Rate for Injury per 1,000 Ages 65+
Manchester / Nashua (State range = 25.3 to 27.0 as represented by horizontal line(s))

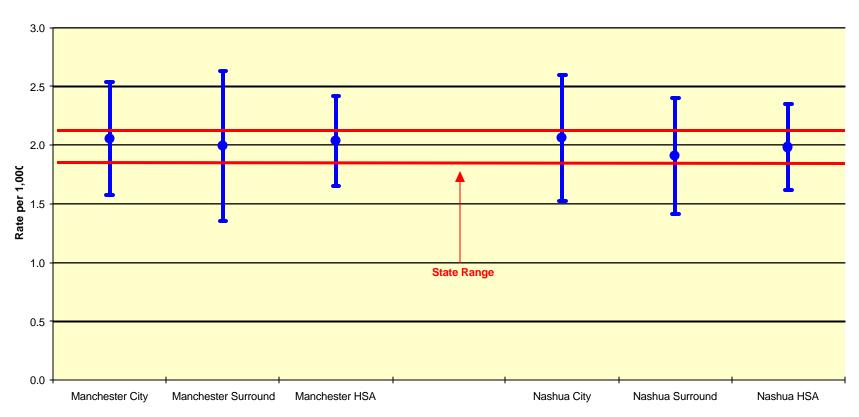


Incidence of Breast Cancer

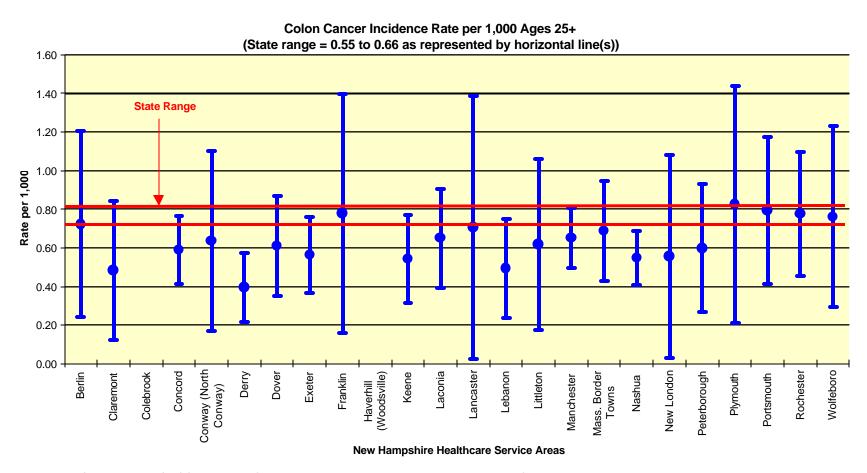


Incidence of Breast Cancer – Manchester and Nashua HSAs

Breast Cancer Incidence Rate per 1,000 Females Ages 25+
Manchester / Nashua (State range = 1.8 to 2.1 as represented by horizontal line(s))

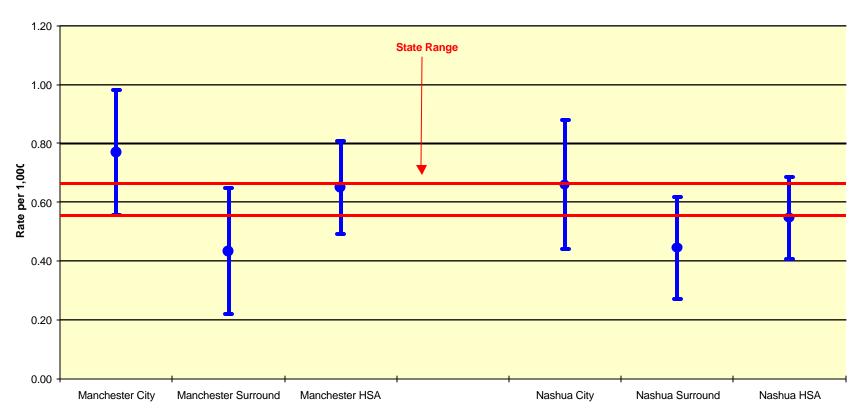


Incidence of Colon Cancer

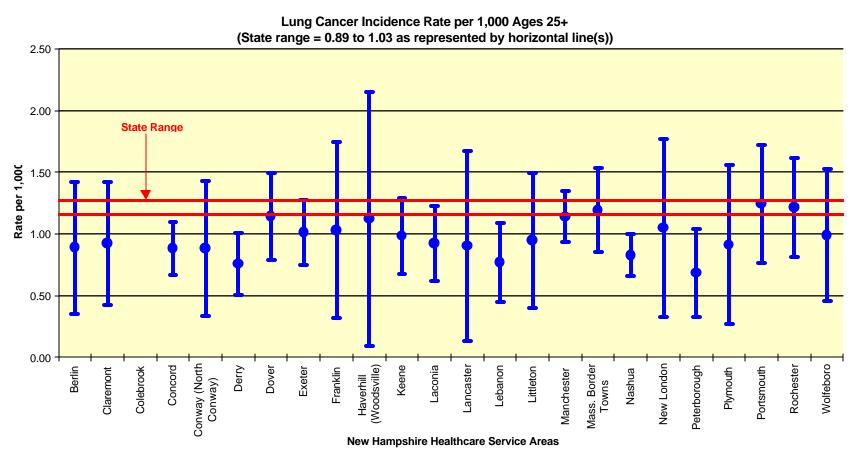


Incidence of Colon Cancer - Manchester and Nashua

Colon Cancer Incidence Rate per 1,000 Ages 25+
Manchester / Nashua (State range = 0.55 to 0.66 as represented by horizontal line(s))

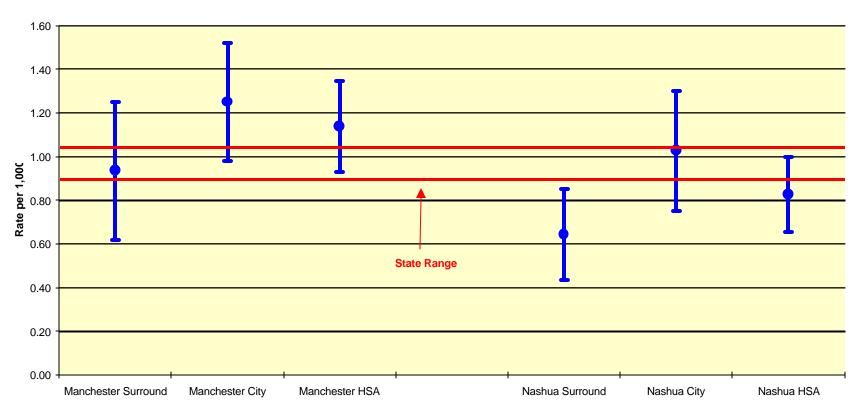


Incidence of Lung Cancer

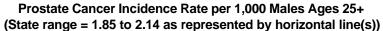


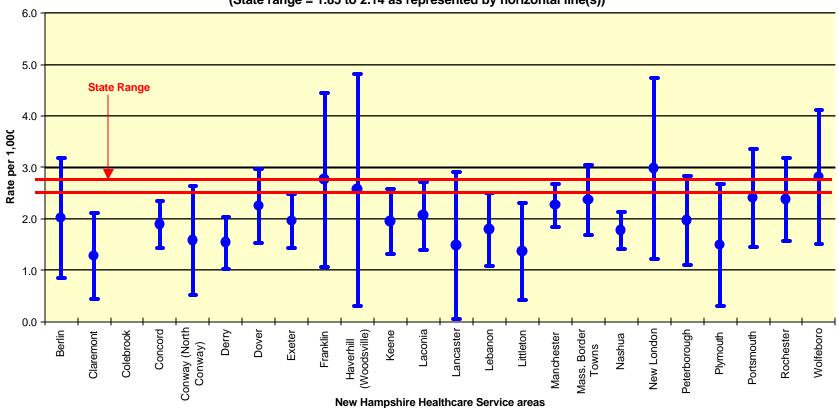
Incidence of Lung Cancer – Manchester and Nashua HSAs

Lung Cancer Incidence Rate per 1,000 Ages 25+
Manchester / Nashua (State range = 0.89 to 1.03 as represented by horizontal line(s))



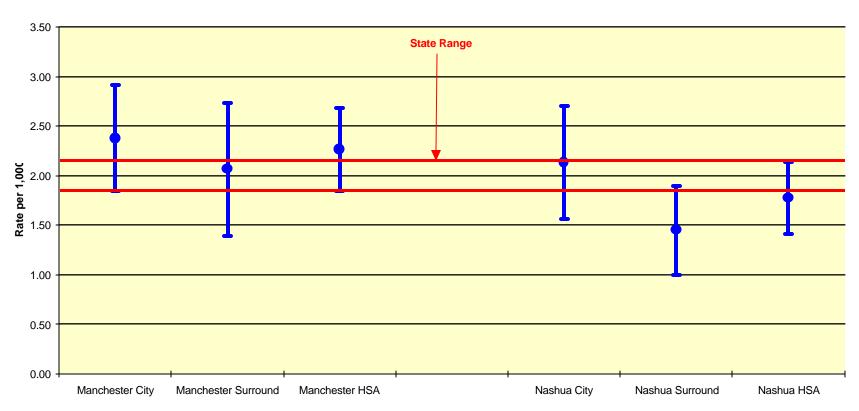
Incidence of Prostrate Cancer



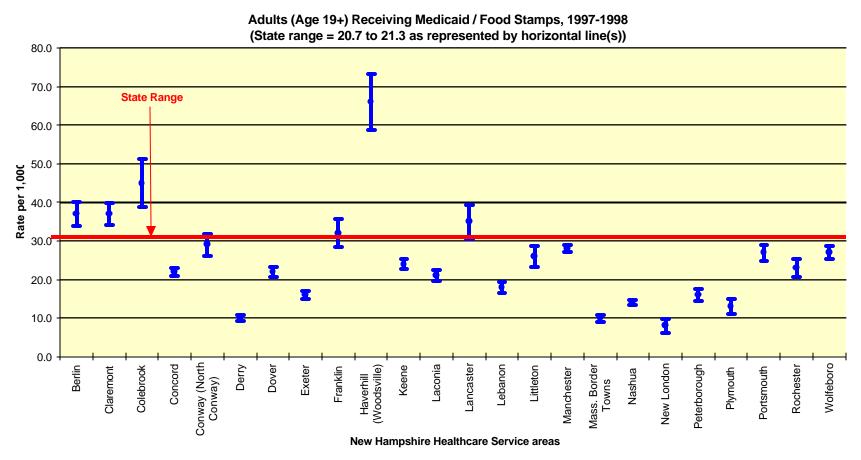


Incidence of Prostrate Cancer – Manchester and Nashua HSAs

Prostate Cancer Incidence Rate per 1,000 Males Ages 25+
Manchester / Nashua (State range = 1.85 to 2.14 as represented by horizontal line(s))



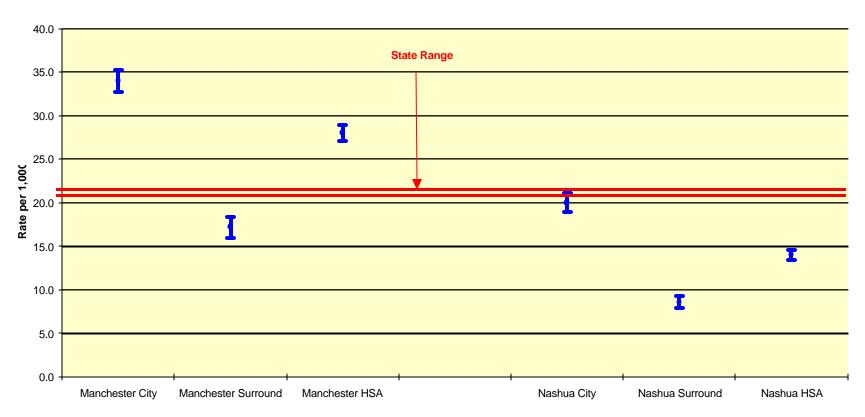
Medicaid and Food Stamps - Adults



Medicaid and Food Stamps - Adults - Manchester and Nashua HSAs

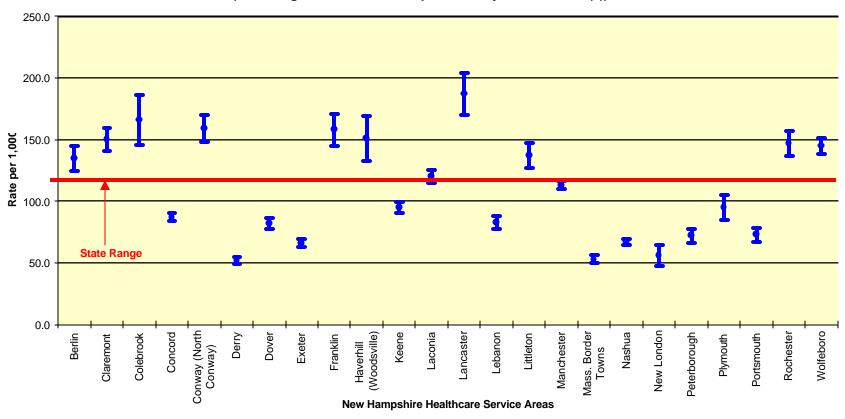
Adults (Age 19+) Receiving Medicaid / Foodstamps, 1997-1998

Manchester / Nashua (State range = 20.7 to 21.3 as represented by horizontal line(s))



Medicaid and Food Stamps - Children

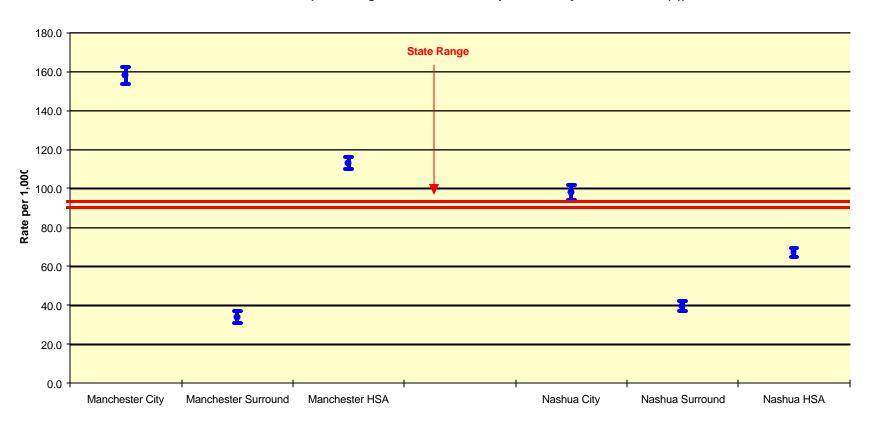
Children (Age < 19) Receiving Medicaid / Food Stamps, 1997-1998 (State range = 90.0 to 92.0 as represented by horizontal line(s))



Medicaid and Food Stamps - Children - Manchester and Nashua HSAs

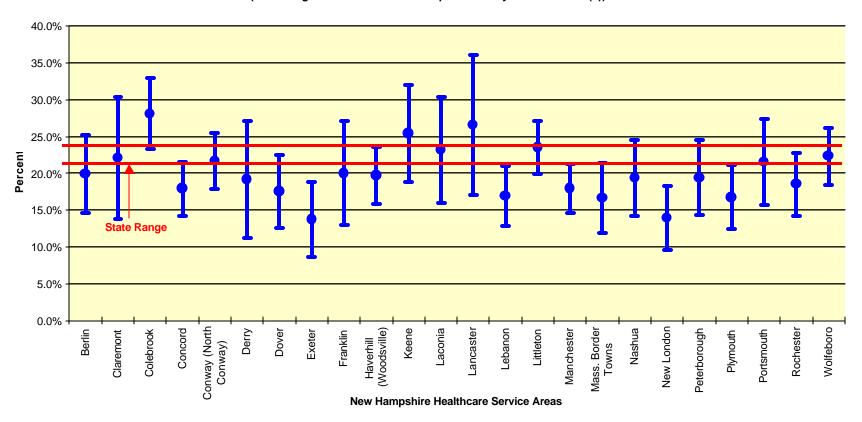
Children (Age < 19) Receiving Medicaid / Foodstamps, 1997-1998

Manchester / Nashua (State range = 90.0 to 92.0 as represented by horizontal line(s))



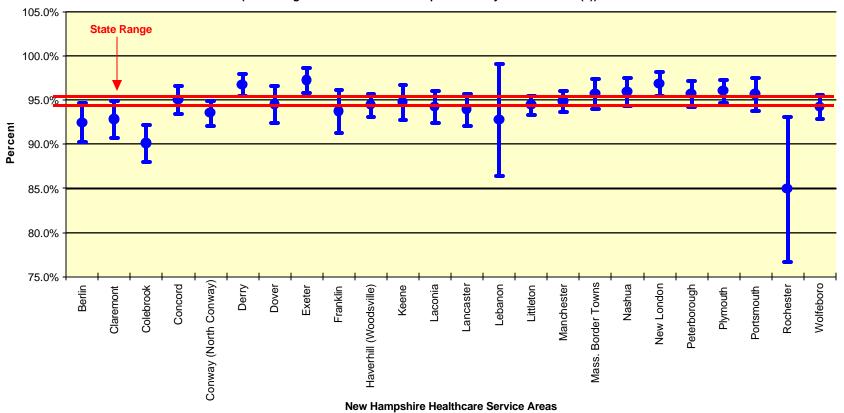
Perception of Access to Care

Percentage of Population Under Age 65 not "Extremely" or "Very" Confident in Access to Care (State range = 17.6% to 20.4% as represented by horizontal line(s))



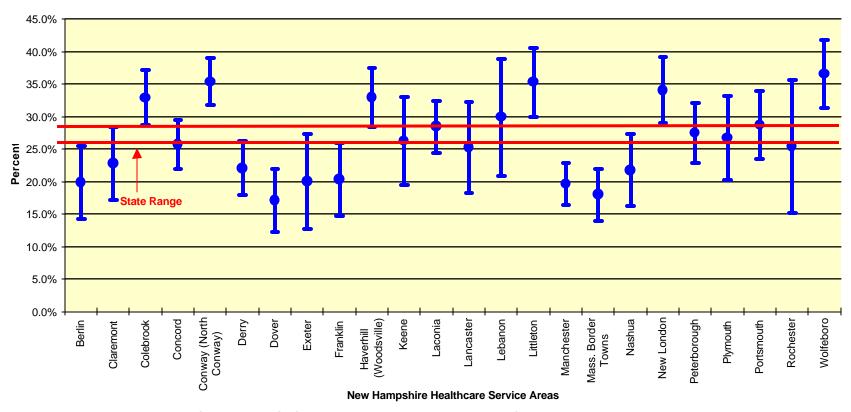
Perception of Personal Health Status

Percentage of Population Under Age 65 Reporting "Good," "Very Good," or "Excellent" Health (State range = 94.2% to 95.4% as represented by horizontal line(s))



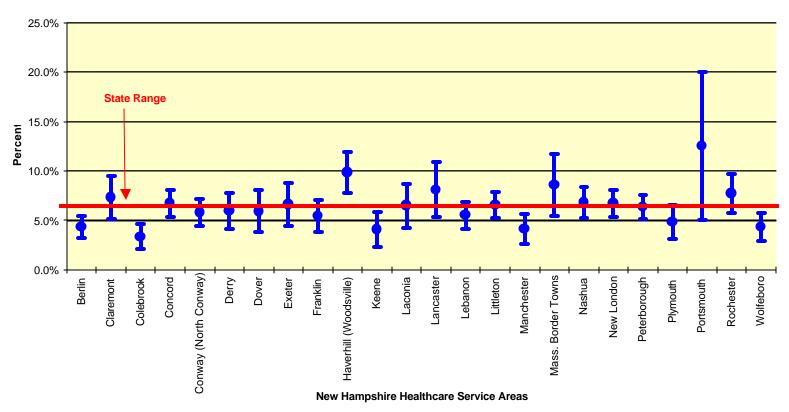
Population Employed in Firms of 10 or Fewer Employees

Percentage of Population Under Age 65 Reporting Employment in a Firm with 10 or Fewer Employees (State range = 22.1% to 25.1% as represented by horizontal line(s))



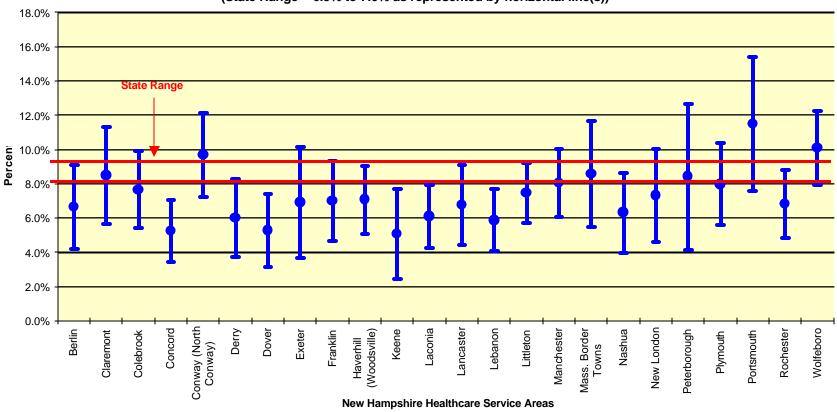
Population With Chronic Conditions Lasting More Than One Year

Percentage of Population Under Age 65 Reporting a Chronic Condition Lasting One Year or More (State range = 5.8% to 5.9% as represented by horizontal line(s))

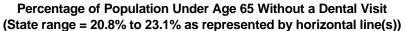


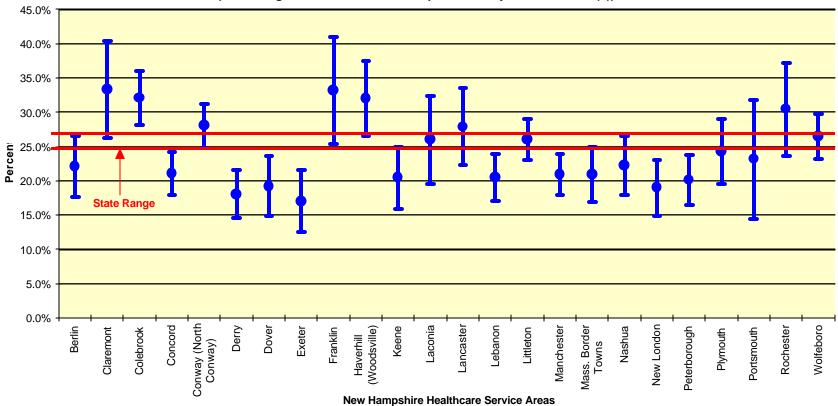
Population With No Usual Source of Medical Care

Percentage of Population Under Age 65 Reporting No Usual Source of Medical Care (State Range = 6.3% to 7.6% as represented by horizontal line(s))

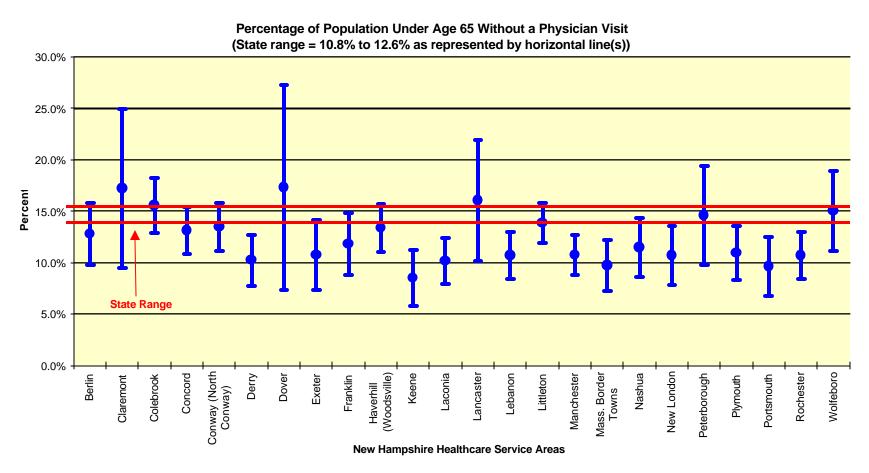


Population Without a Dental Visit in the Prior Year



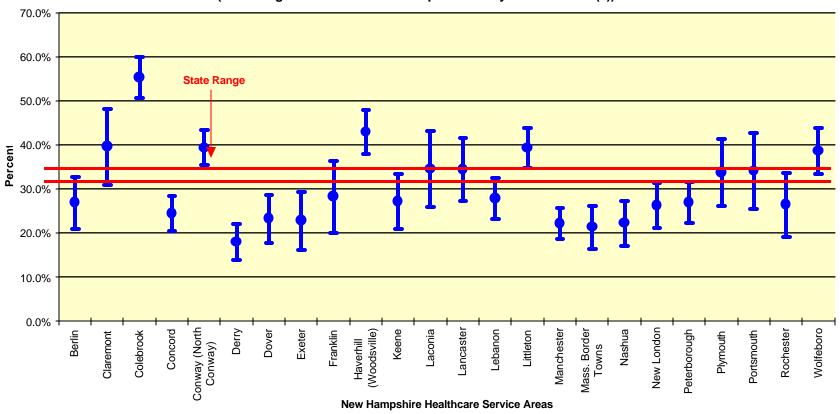


Population Without a Physician Visit in the Prior Year

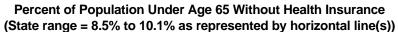


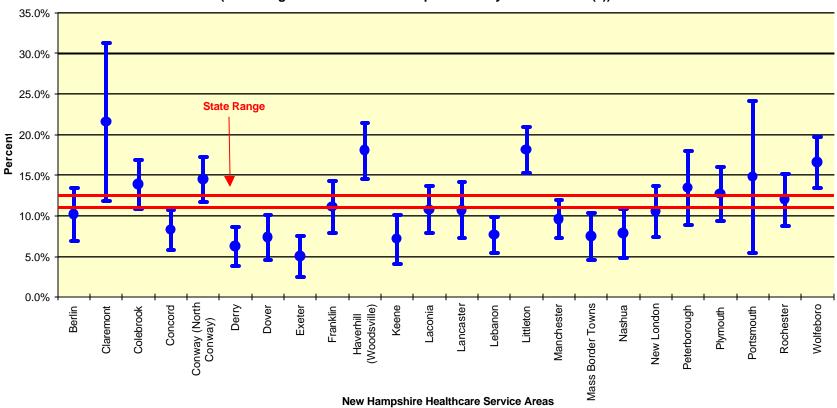
Population Without Dental Coverage

Percentage of Population Under Age 65 Without Dental Coverage (State range = 24.2% to 27.1% as represented by horizontal line(s))



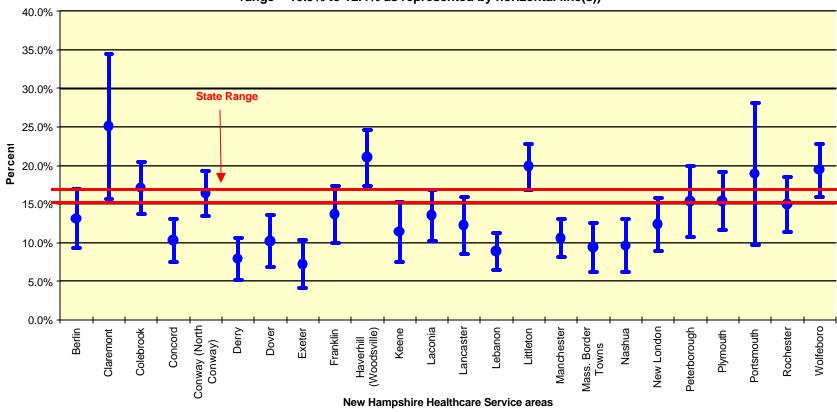
Population Without Health Insurance



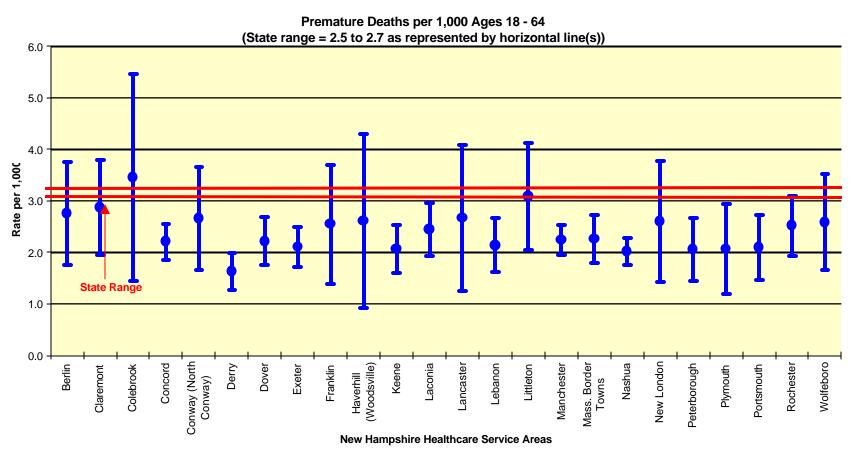


Population Without Health Insurance for Part of Prior Year





Premature Deaths



Premature Deaths – Manchester and Nashua HSAs

Premature Deaths per 1,000 Ages 18 - 64

Manchester / Nashua (State range = 2.5 to 2.7 as represented by horizontal line(s))

